

Product datasheet for **MR209831**

Wrnip1 (NM_030215) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wrnip1 (NM_030215) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Wrnip1
Synonyms:	4833444L21Rik; WHIP; Wrnip
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>MR209831 representing NM_030215
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGTGAGCGGGCCGGAAGACGACCCCTTCTGTGCGAGTTGCACCAGGTGCAGTGCCAGTGTGCC
 AGCAGATGATGCCCGCCGCGCACATCAATTGCGACCTGGACCGCTGCCTGCTGCACCCGCGGGGCA
 CGCGGAGCCAGCGGCCGCTCTACCGCGCTGGGAGCGGGCAAGGGGCCCTCGCCACCCGCGCCAAAG
 AGGCGTCGACTGTCGGAGAGCTCGGCGCTGAAGCAGCCCGCCACCCGACGGCGGCCGAAAGCAGCGAAG
 GCGAGGGCGAGGAGGGGATGACGGCGGCGAGACCGAGAGCCGTGAGAGCTACGACGCCCGCCACGCC
 CAGCGGTGCGCGCTTATCCCGACTTCCCGGTGGCCCGCTCCAGCAGCCCGCCAGAAAGGGTATGGGG
 AAGAGACCAGCGGCTGCAGCCGCCGAGCAGCGCATCCCGCGCAGCTGGGATGAGGCGGAGGCGCAGG
 AGGAGGAGGAGGGGGGTGGACGGCGATGGCGACGCGGACGTGGACGGTGAAGACGATCCCGGGCACTG
 GGATGCGGACGCCCGCAGCGCTCGTTCGGAGTACGCGGGGCCGCGCATCCCGGGCGCTGGCGGCG
 GAGGAGATCCGACAGATGCTGGAGGGCAAGCCGCTGGCTGACAAGATGCTCCAGACACGCTGCAGGACT
 ACATCGGGCAGAGTAGGGCCGTAGGGCAGGAGACTCTGCTCCGCTCGCTACTGGAGGCCAATGAGATCCC
 TTCGCTCATCTTGTGGGGCCCGCAGGTTGCGGTAAGACCACCTTGGCTCACATCATAGCCAACAACAGC
 AAGAAGCACAGCATAAGGTTTGTGACATTATCTGCAACAAATGCCAAGACAAATGATGTGCGAGATGTCA
 TAAAGCAGGCTCAGAATGAGAAGAGCTTTTTCAAAGGAAAACCATCCTTTTTATTGATGAGATTCATCG
 CTTCAATAAATCTCAGCAGGACACTTTCCTTCTCACGTGGAGTGCGGGACAATCACGCTGATTGGTGCG
 ACCACTGAGAACCCTTCTTCCAAGTCAACGCCCCCTTCTGAGCCGCTGTCGGTAATTGTTCTTGAGA
 AGCTTCCAGTAGAGGCAATGGTGACGATTTTAATGAGAGCAATCAACTCACTGGGAATCCATGTCCTAGA
 CTCAGCCGCTCCTACTGACCCTCTGAGCCACAGCAGCAACTGCAGCTCTGAGCCCTCTGTCTTCATAGAA
 GATAAAGCAGTGGACACTCTGGCTTACCTCAGTGATGGTATGCCCGGACGGGCTTGAATGGACTGCAAC
 TGGCAGTGCTGGCCAGGTTAAGCTCTAGGAAGGTGTTCTGTAAGAAGAGCGGTCAAACCTATTCTCCTAG
 TCGAGTCTGATCACTGAGAATGATGTAAAGAAGGCCTACAGCGGTCCCACATTTTATGACCGTGCA
 GGAGAAGAGCACTACAACGATCTCTGCCCTACACAAGGCTATGCGTGGCTCTGACCAGAATGCTTCCC
 TGTATTGGCTGGCCCGGATGCTTGAGGGAGGAGAGGACCCACTCTATGTGGCCAGGAGGCTGTAAGGTT
 TGCCAGCGAGGACATCGGCTGGCAGATCCATCAGCATTAGCACAAGCAGTTGCTGCCTACCAAGGCTGT
 CACTTTATAGGCATGCCCGAGTGTGAGGTGCTTCTGGCCAGTGTGTGGTCTATTTTGCCAGAGCCCAA
 AGTCCATTGAGGTGTACAGTGCCTATAACAATGTAAAAGCCTGTCTGCGGAGTACCAGGGGCCCTGCC
 TCTGTACCCCTGCACCTGAGGAACGCGCCACCAGGCTGATGAAGGATTTGGGCTATGGCAAAGGGTAC
 AAGTACAACCCCATGTACAGTGAGCCTGTGGACCAGGACTACCTGCCTGAGGAGCTGAGAGGAGTTGACT
 TCTTCAAGCAGAGGCGGTGT

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_030215.3](#), [NP_084491.3](#)

RefSeq Size: 2642 bp

RefSeq ORF: 1983 bp

Locus ID: 78903

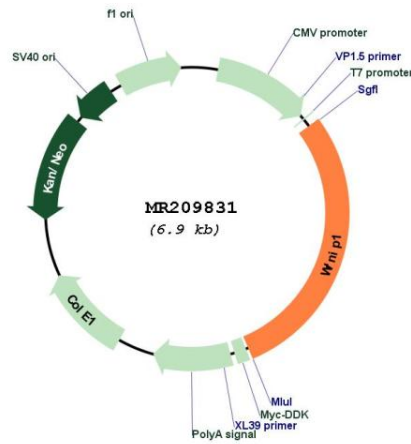
UniProt ID: [Q91XU0](#)

Cytogenetics: 13 A3.2

MW: 72.2 kDa

Gene Summary: Functions as a modulator of initiation or reinitiation events during DNA polymerase delta-mediated DNA synthesis. In the presence of ATP, stimulation of DNA polymerase delta-mediated DNA synthesis is decreased. Plays also a role in the innate immune defense against viruses. Stabilizes the RIG-I/DDX58 dsRNA interaction and promotes RIG-I/DDX58 'Lys-63'-linked polyubiquitination. In turn, RIG-I/DDX58 transmits the signal through mitochondrial MAVS.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR209831